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RAW SEQUENCE LISTING   DATE: 09/17/2002 P.6
PATENT APPLICATION: US/10/041,860   TIME: 13:42:48

Input Set : A:\SEQABGENIX51A.TXT
Output Set: N:\CRF4\09172002\J041860.raw

```
 4 <110> APPLICANT: Corvalan, Jose R.F.
 5       Jia, Xiao-Chi
 6       Feng, Xiao
 7       Yang, Xiao-Dong
 8       Chen, Francine
 9       Gazit, Gadi
10       Weber, Richard
11       Bezabeh, Binyam
13 <120> TITLE OF INVENTION: ANTIBODIES DIRECTED TO PDGFD AND USES
14       THEREOF
16 <130> FILE REFERENCE: ABGENIX.051A
18 <140> CURRENT APPLICATION NUMBER: US 10/041,860
19 <141> CURRENT FILING DATE: 2002-01-07
21 <160> NUMBER OF SEQ ID NOS: 377
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 99
27 <212> TYPE: PRT
28 <213> ORGANISM: homo sapiens
30 <400> SEQUENCE: 1
31 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
32 1               5                   10                  15
33 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
34              20                  25                  30
35 Asp Ile Asn Trp Val Arg Gln Ala Thr Gly Gln Gly Leu Glu Trp Met
36          35                  40                  45
37 Gly Trp Met Asn Pro Asn Ser Gly Asn Thr Gly Tyr Ala Gln Lys Phe
38      50                  55                  60
39 Gln Gly Arg Val Thr Met Thr Arg Asn Thr Ser Ile Ser Thr Ala Tyr
40 65                  70                  75                  80
41 Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys
42              85                  90                  95
43 Ala Arg Gly
47 <210> SEQ ID NO: 2
48 <211> LENGTH: 98
49 <212> TYPE: PRT
50 <213> ORGANISM: homo sapiens
52 <400> SEQUENCE: 2
53 Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Ala
54 1               5                   10                  15
55 Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
56              20                  25                  30
57 Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/041,860

DATE: 09/17/2002
TIME: 13:42:48

Input Set : **A:\SEQABGENIX51A.TXT**
Output Set: **N:\CRF4\09172002\J041860.raw**

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58          35                  40                  45
59 Gly Trp Ile Ser Ala Tyr Asn Gly Asn Thr Asn Tyr Ala Gln Lys Leu
60     50                  55                  60
61 Gln Gly Arg Val Thr Met Thr Thr Asp Thr Ser Thr Ser Thr Ala Tyr
62 65                  70                  75                  80
63 Met Glu Leu Arg Ser Leu Arg Ser Asp Asp Thr Ala Val Tyr Tyr Cys
64                 85                  90                  95
65 Ala Arg
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 98
71 <212> TYPE: PRT
72 <213> ORGANISM: homo sapiens
74 <400> SEQUENCE: 3
75 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
76  1                  5                  10                  15
77 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
78             20                  25                  30
79 Ser Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
80         35                  40                  45
81 Ser Ser Ile Ser Ser Ser Ser Ser Tyr Ile Tyr Tyr Ala Asp Ser Val
82     50                  55                  60
83 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
84 65                  70                  75                  80
85 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
86                 85                  90                  95
87 Ala Arg
91 <210> SEQ ID NO: 4
92 <211> LENGTH: 98
93 <212> TYPE: PRT
94 <213> ORGANISM: homo sapiens
96 <400> SEQUENCE: 4
97 Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
98  1                  5                  10                  15
99 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
100            20                  25                  30
101 Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
102         35                  40                  45
103 Ala Val Ile Trp Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
104     50                  55                  60
105 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
106 65                  70                  75                  80
107 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
108                 85                  90                  95
109 Ala Arg
113 <210> SEQ ID NO: 5
114 <211> LENGTH: 97
115 <212> TYPE: PRT
116 <213> ORGANISM: homo sapiens
118 <400> SEQUENCE: 5
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RAW SEQUENCE LISTING   DATE: 09/17/2002
PATENT APPLICATION: US/10/041,860   TIME: 13:42:48

Input Set : A:\SEQABGENIX51A.TXT
Output Set: N:\CRF4\09172002\J041860.raw

```
119 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Ile Gln Pro Gly Gly
120 1               5               10              15
121 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Val Ser Ser Asn
122             20              25              30
123 Tyr Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
124         35              40              45
125 Ser Val Ile Tyr Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val Lys
126     50              55              60
127 Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
128 65              70              75              80
129 Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
130             85              90              95
131 Arg
135 <210> SEQ ID NO: 6
136 <211> LENGTH: 98
137 <212> TYPE: PRT
138 <213> ORGANISM: homo sapiens
140 <400> SEQUENCE: 6
141 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
142 1               5               10              15
143 Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Ser Phe Thr Ser Tyr
144             20              25              30
145 Trp Ile Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Glu Trp Met
146         35              40              45
147 Gly Ile Ile Tyr Pro Gly Asp Ser Asp Thr Arg Tyr Ser Pro Ser Phe
148     50              55              60
149 Gln Gly Gln Val Thr Ile Ser Ala Asp Lys Ser Ile Ser Thr Ala Tyr
150 65              70              75              80
151 Leu Gln Trp Ser Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
152             85              90              95
153 Ala Arg
157 <210> SEQ ID NO: 7
158 <211> LENGTH: 95
159 <212> TYPE: PRT
160 <213> ORGANISM: homo sapiens
162 <400> SEQUENCE: 7
163 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Val Ser Ala Ser Val Gly
164 1               5               10              15
165 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Trp
166             20              25              30
167 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
168         35              40              45
169 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
170     50              55              60
171 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
172 65              70              75              80
173 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ala Asn Ser Phe Pro
174             85              90              95
177 <210> SEQ ID NO: 8
```

```
                    RAW SEQUENCE LISTING              DATE: 09/17/2002
                    PATENT APPLICATION:  US/10/041,860    TIME: 13:42:48

                    Input Set : A:\SEQABGENIX51A.TXT
                    Output Set: N:\CRF4\09172002\J041860.raw

178 <211> LENGTH: 100
179 <212> TYPE: PRT
180 <213> ORGANISM: homo sapiens
182 <400> SEQUENCE: 8
183 Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Pro Gly
184 1               5                   10                  15
185 Glu Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Leu His Ser
186             20                  25                  30
187 Asn Gly Tyr Asn Tyr Leu Asp Trp Tyr Leu Gln Lys Pro Gly Gln Ser
188         35                  40                  45
189 Pro Gln Leu Leu Ile Tyr Leu Gly Ser Asn Arg Ala Ser Gly Val Pro
190     50                  55                  60
191 Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile
192 65                  70                  75                  80
193 Ser Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln Ala
194                 85                  90                  95
195 Leu Gln Thr Pro
196             100
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 95
201 <212> TYPE: PRT
202 <213> ORGANISM: homo sapiens
204 <400> SEQUENCE: 9
205 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
206 1               5                   10                  15
207 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Asn Tyr
208             20                  25                  30
209 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Val Pro Lys Leu Leu Ile
210         35                  40                  45
211 Tyr Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
212     50                  55                  60
213 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
214 65                  70                  75                  80
215 Glu Asp Val Ala Thr Tyr Tyr Cys Gln Lys Tyr Asn Ser Ala Pro
216                 85                  90                  95
219 <210> SEQ ID NO: 10
220 <211> LENGTH: 96
221 <212> TYPE: PRT
222 <213> ORGANISM: homo sapiens
224 <400> SEQUENCE: 10
225 Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
226 1               5                   10                  15
227 Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
228             20                  25                  30
229 Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
230         35                  40                  45
231 Ile Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
232     50                  55                  60
233 Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
```

RAW SEQUENCE LISTING   DATE: 09/17/2002
PATENT APPLICATION: US/10/041,860   TIME: 13:42:49

Input Set : A:\SEQABGENIX51A.TXT
Output Set: N:\CRF4\09172002\J041860.raw

```
234 65                    70                    75                    80
235 Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Ser Ser Pro
236                    85                    90                    95
239 <210> SEQ ID NO: 11
240 <211> LENGTH: 95
241 <212> TYPE: PRT
242 <213> ORGANISM: homo sapiens
244 <400> SEQUENCE: 11
245 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
246  1              5                    10                   15
247 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Asn Asp
248                20                   25                    30
249 Leu Gly Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Arg Leu Ile
250             35                   40                    45
251 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
252     50                   55                    60
253 Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
254 65                   70                    75                    80
255 Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln His Asn Ser Tyr Pro
256                   85                    90                    95
259 <210> SEQ ID NO: 12
260 <211> LENGTH: 381
261 <212> TYPE: PRT
262 <213> ORGANISM: homo sapiens
264 <400> SEQUENCE: 12
265 Pro Met His Arg Leu Ile Phe Val Tyr Thr Leu Ile Cys Ala Asn Phe
266  1              5                    10                   15
267 Cys Ser Cys Arg Asp Thr Ser Ala Thr Pro Gln Ser Ala Ser Ile Lys
268                20                   25                    30
269 Ala Leu Arg Asn Ala Asn Leu Arg Arg Asp Glu Ser Asn His Leu Thr
270             35                   40                    45
271 Asp Leu Tyr Arg Arg Asp Glu Thr Ile Gln Val Lys Gly Asn Gly Tyr
272     50                   55                    60
273 Val Gln Ser Pro Arg Phe Pro Asn Ser Tyr Pro Arg Asn Leu Leu Leu
274 65                   70                    75                    80
275 Thr Trp Arg Leu His Ser Gln Glu Asn Thr Arg Ile Gln Leu Val Phe
276             85                   90                    95
277 Asp Asn Gln Phe Gly Leu Glu Glu Ala Glu Asn Asp Ile Cys Arg Tyr
278            100                  105                   110
279 Asp Phe Val Glu Val Glu Asp Ile Ser Glu Thr Ser Thr Ile Ile Arg
280         115                  120                   125
281 Gly Arg Trp Cys Gly His Lys Glu Val Pro Pro Arg Ile Lys Ser Arg
282     130                  135                   140
283 Thr Asn Gln Ile Lys Ile Thr Phe Lys Ser Asp Asp Tyr Phe Val Ala
284 145                  150                   155                   160
285 Leu Ala Lys Pro Gly Phe Lys Ile Tyr Tyr Ser Leu Leu Glu Asp Phe
286                  165                  170                   175
287 Gln Pro Ala Ala Ala Ser Glu Thr Asn Trp Glu Ser Val Thr Ser Ser
288             180                  185                   190
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 09/17/2002
PATENT APPLICATION: US/10/041,860   TIME: 13:42:50

Input Set : A:\SEQABGENIX51A.TXT
Output Set: N:\CRF4\09172002\J041860.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:272; Xaa Pos. 28,30,33,57
Seq#:281; Xaa Pos. 31
Seq#:299; Xaa Pos. 94
Seq#:302; Xaa Pos. 23
Seq#:305; Xaa Pos. 56
Seq#:314; Xaa Pos. 28
Seq#:320; Xaa Pos. 68
Seq#:332; Xaa Pos. 56,57
Seq#:335; Xaa Pos. 45,85,91
Seq#:338; Xaa Pos. 9,28
Seq#:347; Xaa Pos. 22,32,56
Seq#:350; Xaa Pos. 55
Seq#:353; Xaa Pos. 55,92,93
Seq#:359; Xaa Pos. 53
Seq#:362; Xaa Pos. 57
Seq#:365; Xaa Pos. 43,58,96
Seq#:368; Xaa Pos. 58
Seq#:371; Xaa Pos. 54
Seq#:374; Xaa Pos. 59,73,97

VERIFICATION SUMMARY
DATE: 09/17/2002

PATENT APPLICATION: US/10/041,860
TIME: 13:42:50

Input Set : A:\SEQABGENIX51A.TXT
Output Set: N:\CRF4\09172002\J041860.raw

```
L:4295 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:272
L:4298 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:16
L:4300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:32
L:4302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:48
L:4498 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:281
L:4501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:16
L:4899 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:299
L:4910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:299 after pos.:80
L:4974 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:302
L:4977 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:16
L:5047 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:305
L:5054 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:305 after pos.:48
L:5252 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:314
L:5255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:314 after pos.:16
L:5393 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:320
L:5402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:320 after pos.:64
L:5668 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:332
L:5675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:332 after pos.:48
L:5741 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:335
L:5746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:335 after pos.:32
L:5752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:335 after pos.:80
L:5816 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:338
L:5817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338 after pos.:0
L:5819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338 after pos.:16
L:6019 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:347
L:6022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:347 after pos.:16
L:6026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:347 after pos.:48
L:6094 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:350
L:6101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:350 after pos.:48
L:6167 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:353
L:6174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353 after pos.:48
L:6178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:353 after pos.:80
L:6306 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:359
L:6313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:359 after pos.:48
L:6381 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:362
L:6388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:362 after pos.:48
L:6456 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:365
L:6461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:365 after pos.:32
L:6463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:365 after pos.:48
L:6467 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:365 after pos.:80
L:6533 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:368
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:368 after pos.:48
L:6606 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:371
L:6613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:371 after pos.:48
L:6681 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:374
L:6688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374 after pos.:48
L:6690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374 after pos.:64
L:6694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:374 after pos.:96
```